BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Modified Estimate for Desilting and resetting of drain and re asphalting Soap factory layout in Bagalagunte, ward no.14, Dasarahalli Sub Division

Sanctioned Estimate Amount: 50.00 Lakhs

Sanctioned Tender Amount: 47,16,486.09

Tender Premium: 0.76 % below

Name of the Contractor: Sri.Shivakumar N M

COMPARATIVE STATEMENT

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.6 I.No.2.3)	Cum	284.46	280.79	79873.52	284.46	280.79	79873.52	500.34	355.58	280.79	99841.90	144.77	280.79	40648.56	140490.47	60616.95	-60616.95	-
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P.13/4.3)	Cum	33.00	5408.12	178467.96	33.00	5408.12	178467.96	49.83	41.25	5408.12	223084.95	8.58	5408.12	46401.67	269486.62	91018.66	-91018.66	

3	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 17 / Item No.4.36)	Sqm	540.00	379.48	204919.20	540.00	379.48	204919.20	362.40	362.40	379.48	137523.55	0.00	379.48	0.00	137523.55	-67395.65	67395.65	-
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	63.00	5998.54	377908.02	63.00	5998.54	377908.02	104.19	78.75	5998.54	472385.03	25.44	5998.54	152602.86	624987.88	247079.86	-247079.86	-

5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2) Issue rate date : 02.11.2021 till now	Tonnes	3.78	92662	350262.44	3.78	92662.02	350262.44	6.25	4.73	92662.02	437828.04	1.53	92662.02	141439.31	579267.35	229004.92	-229004.92	-
6	Providing and and fixing Precast Concrete slab 10 CM thick with all lead and lift as per specification (Data Rate Approved) 2018-19	Sqm	180.00	2337.00	420660.00	180.00	2337.00	420660.00	271.80	225.00	2337.00	525825.00	46.80	2337.00	109371.60	635196.60	214536.60	-214536.60	
7	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Sqm	1761.32	6.36	11202.00	1761.32	6.36	11202.00	922.50	922.50	6.36	5867.10	0.00	6.36	0.00	5867.10	-5334.90		

8	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18)	Cum	264.20	2500.00	660500.00	264.20	2500.00	660500.00	168.98	168.98	2500.00	422437.50	0.00	2500.00	0.00	422437.50	-238062.50		
9	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 (P.No.158 I.No.21.6)Issue Basic Rate Date;02.11.2021 to till now	Sqm	1761.32	33.92	59743.97	1761.32	33.92	59743.97	922.50	922.50	32.62	30091.95	0.00	32.62	0.00	30091.95	-29652.02		
10	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 (P.No.158 I.No.21.2)	Sqm	1761.32	6.36	11202.00	1761.32	6.36	11202.00	1507.00	1507.00	6.36	9584.52	0.00	6.36	0.00	9584.52	-1617.48		

11	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm	1761.32	12.72	22403.99	1761.32	12.72	22403.99	1889.50	1889.50	12.72	24034.44	0.00	12.72	0.00	24034.44	1630.45	
12	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH	Cum	176.13	9500.00	1673235.00	176.13	9500.00	1673235.00	43.65	43.65	9500.00	414675.00	0.00	9500.00	0.00	414675.00	-1258560.00	
13	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respects complete as per specifications. - using40/60 TPH capacity H.M.P. with	Cum	52.84	12000.00	634080.00	52.84	12000.00	634080.00	75.58	66.05	12000.00	792600.00	9.53	12000.00	114360.00	906960.00	272880.00	

14	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The	Sqm	64.05	500	32025.00	64.05	500.00	32025.00	70.20	70.20	500.00	35100.00	0.00	500.00	0.00	35100.00	3075.00		
								4716483.09				**810544.20**				**4235702.98**	**-480780.1096**	**812885.23**	

Total Sanctioned Tender Amount **47,16,486.09**

Total cost of the project after Work slip and EIRL **Rs. 42,35,702.98**

Net Savings Amount of Work Slip & EIRL **1789.48**

Total % Savings to the Tendered Amount **10.190%**

Hence there is no Extra Financial Implication to BBMP, kindly approve the WORKSLIP proposal

Assistant Engineer
Ward No.16
BBMP

Assistant Executive Engineer
Dasarahalli Sub Division
BBMP

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ಬಾಗಲಗುಂಟೆ, ಜಿ.ಕೆ.ವಿ.ಕೆ
ಬೆಂಗಳೂರು-560073

Executive Engineer
Dasarahalli Division
BBMP

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